# The 50 MHz DX Bulletin

Volume 15, Issue 12

December 2004

ISSN 1073-1024

The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$24 U.S. first class mail, \$27 Canada/Mexico airmail, and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4554 USA. My Internet address is victor.frank@sri.com. I have a web site that hasn't been updated in a long time for various classes I took at http://www.qsl.net/k6fv. The bulletin may be freely quoted, provided that credit is given.

# **DX Operations**

Most of the listings in this column came from SM7AED's notebook and SMIRK.

Korea, Cho Is., DS4BSW: Kim activity on 80-6m will last until March 2005.

Bangladesh, S2/EI3IO: Dave will be making four more trips to Bangladesh between now and June 2005, the first possible in January, and mentions that there is already a 6m beam in the country.

**Tadjikistan, EY8/F5NHJ, EY8/F5LYF:** Jean-Louis and Jean-Jacques are in Dushanbe until the end of March. They have now received their licenses and expect to be QRV on 6m soon, first with a vertical, then with a 3 el beam.

Andaman Is., VU4RBI, VU4NRO: has been active on all bands 160-6m from Port Blair with over 30,000 HF QSOs. One 6m contact was listed on OH2AQ, but many reports of "slims" on HF were also listed.

Crozet Is., FT5W: Nicolas, F4EGX and Jean Paul, F5BU, are hoping to do some ham activity in their spare time from a jobrelated mission to Possession Island (AF-008) in the Crozet Archipelago. They hope to begin their activity on February 12 and will stay until the end of March.

Somalia, 600G & 600CW: is expected February 3-17. One of the main aims of this DXpedition is to bring ham equipment to the Somali radio amateurs, fostering the development of amateur radio in the country.

**Sudan, ST2PN:** Paul, who made a number of 6m contacts with Europe between November 9 and 14, is back in Norway for a few weeks, but will return to Sudan in January for another 6 month assignment.

Estonia, ES6RQ: K6QXY lists a JT65 EME QSO with this station in KO28WA on December 18.

**Bermuda**, N0JK: I see this listed on SMIRK's calendar for January 27-February 1, but nowhere else.

**Guantanamo Bay, KG4:** Three members of the VA DX Club will be active on 160-6m from Guantanamo Bay January 18-26.

U.S. Virgin Is., KP2/W2AZK, KP2/KF2HC: Ann and Brian will be active on 160-6m from St. Croix January 7-14.

Netherlands Antilles, PJ4/NE8Z: Dr.Rick Dorsh will be active from Bonaire February 4-13 mostly on the WARC bands and 6m using a Yaesu FT-857 into a Cushcraft 3 element Yagi.

French Guyana, TO7C: F6KOP plans 160-6m activity from Salut Islands (SA-020) between March 10-17. See http://to7c.free.fr.

Fernando de Noronha, PY0ZFO: Bill Smith, W9VA, will be mostly active on WARC bands and 6m between February 16-22 less the ARRL DX CW contest February 19-20, when he will operate PY0FF.

**Easter Is., 3G0YP & 3G0YM:** Amund, LA7IJA and team will be active from Easter Island January 8-18 on all bands including 6m with a 3 element Yagi. Rigs include Icom IC-706, IC-746 and Yaesu FT-1000.

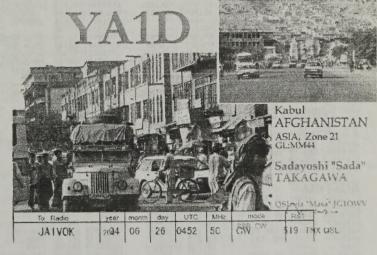
**Niue,ZK2/VE7HA:** Murray and his wife Konomi have plans to visit Niue for two months sometime around February through March.

#### **Beacon News**

Italy, IQ4FA: Ferrara ARI Branch has activitated a 5W beacon on 50.028 at JN54TU.

**California, K6FV:** Beacon on 50.069 will now be using avertically polarized array pointed NE for the Winter Es season.

#### Photo of YA1D QSL card from JA1VOK



#### **December 04 DX Reports**

The following reports of 50 MHz and higher DX propagation are courtesy of JA1VOK, XE1HWB, K6QXY, YO7VS, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is mmddhhii, where mm is the month, dd is the day of the month, hh is the hour UTC, and ii is the minutes after the hour. The year is understood to be 2004. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, J=Digital, typically JT6M, R=RTTY, S=SSB, W=mode not mentioned (or both CW & SSB), H=heard only. (BSc) = backscatter.

### Reports of Africa

ASCEN	NSION	IIS.				
12022131	ZD8VHF	559	II22>FK94	50.032	В	FM5JC
12052158	ZD8VHF	549F	II22>FK94	.032	В	FM5JC
12202259	ZD8VHF	559	II22>FK94	50.032	В	FM5JC
12212324	2DRVHE	549	TT225FK94	50 032	D	EMS TO

CEUTA	& MELILLA		
12191930 1	CIPAT	50 114	FAGCD

	001221	211700
CARON		

12022130	TROA	449	JJ40>FK94	50.049	В	FM5JC
MORO		S1	BEST	50.027	В	PY1RO

SIERR	A LEC	N	E			
12061336	9LVIDEO	S5	QSB	48.2428	V	SV1DH

SOUTH AFRICA	
12011637 ZS6BTE JT6M KG33>GG87	.170 J PY1RO

# Reports of Asia

ASIA,	GEN	ER	AL				
12280725	ASIAN	VID	57	>PERTH	49.750	V	VK6KXW

Andaman Is.

12241734 VU4NRC	58	50.110	IK5GQK
JAPAN			
11290152 JA6YBR	MIYAGI	50.017	VK3SIX
11290155 JR2HCE		50.110	VK3SIX
11290203 JA2IGY	SCATTER	50.010	VK3SIX
12020342 JH1WHS	599>RE66 QSB	50.110	ZL3JT
12190414 JR2HCE	CQ	50.110	ZL2DX
12190520 JE6DOI	59 >RF70	50.115	ZL2TPY
12201208 8J10DA		50.200	JA6TIT
12290727 8J10DA	SPECIAL CALL	50.200	JASTIT

TAIWA	N				
12070350	BY/AUDIO	QTF	270°	51.268	JG3LEB

## Reports of Europe

ALANI	) 15.								
12281917	OHOJFP	55	TR	KP0	)>JOS	190		SP2IOW	
12281921	OHOJFP	QSE	3 31	N65>1	KPOO	50.190	W	S57RR	
12282012	OHOJFP	BUF	RSTS	S>J08	BOIK	50.190		SP6MLK	
12282109	OHOJFP	55	TR	WAS	55A	50.190		SP2IQW	
AUSTR	IA								
12101108	OESMPT.	TR	TTE	550		50.221	т	OZIDIT	
10100000						122.00	0	021000	

12101108	OE5MPL	TR JT65C	50.221	J	OZ1DJJ
12120912	OE5MPL	FB MS QSO	50.225	J	G4IGO
12132024	OE5MPL	S5 2 SECS	50.230		MOCTP
12132131	OE 5MPL	JT6M ES?	50.226		G4PCI
12132213	OE5UAL	JT6M MS	50.230	Н	GOCHE
12132218	OE5UAL	CQ JT6M	50.230		G4PCI
12132327	OE5UAL		50.230	J	PA2V
12180744	OE5MPL	CQ JT6M	50.230		G3UYM
12191209	OE5UAL	JT6M	50.230	J	IW3SNU
12200935	OE5MPL	CQ JT6M	50.230		GBUYM
12251134	OE5MPL	JT6M ES/MS	50.230	J	GOCHE
12251149	OE5MPL	JT6M	50.225	J	PA2V
12261049	OE5MPL	CQ JI6M	50.230		G4PCI

 12271133 12280907 12310848 12310900	OE5MPL OE5MPL OE5MPL	CQ JT6M	50.225 J 50.230 50.230 50.230	G3UYM
12271126	OE5MPL	57>JN76 JT6M WEAK ES	50.058 B 50.225 J	GOCHE

BELGI	UM				
11110919	ON5FU	559/599 JO110	I		YO7VS
11110943	ON7CL	59/59 X-ON4CBT	RUDI		YO7VS
		59/59 DAN JO11			
		59/55 JO20			
11110951	ONGNL	59/59 ANTON JO	21UE		YO7VS
		55TR			HB9QQ
12191142	ON 6AB	JT6M	50.230	J	IWOFFK
		599/599 JO21EC			YO7VS
12311117	ONGNL	JT6M MS	50.230	J	IW3SNU
12311632	ON 6AB	CQ JT6M	50.230		G4PCI

CROATIA								
12081442	9A0BHH 549 TR JN65	50.030	В	S58U				
12121831	9A1Z JT6M LUCIJAN MS	50.236	J	GOCHE				
12122044	9A1Z JT6M	50.230	J	SMOTSC				
12291552 9	9A4MF 599	50.099		G4PCI				
12291555	9A4MF 599 JN85NK	50.099		G7RAU				
12201600	0 T 2011 COO THOU TO	FO 000	_					

CZECH REPUBLIC		
12051519 OK1KT JT6M	50.222 3	PA2V
12132145 OK1MX MS	50.230	PA2V
121/2130 OVINY NO STOOD	EA 220	GATOO

12142130	OK1MX	MS >1080	50.230		G4IGO
DENM	ARK				
11110845	OZ 6VHF	JO57EI 599	50.055	В	YO7VS
11110854	OZ1PIF	59+ PETER JO65	SAN		YO7VS
11110902	OZ3K	59+ JO4!	STL		YO7VS
12032155	OZ5UKF	MAX 22 SEC/11			SP6MLK
12032204	OZ5UKF	JN68NE	50.230		OE5UAL
12040914	OZ1DJJ		50.257		IW3SNU
12052118	OZ5UKF	JT6M MS	50.230	J	
12061600	OZOJX	55A>J049UQ	50.098		LAITV
12061841	OZOJX		50.098		SMOTSC
12082157	OZ1DJJ	JT6M QSO	50.230	J	SM5LE
			50,220		GOCHE
12101422	OZ 6VHF	559 TROPO	50.055		
12121035	OZ1DJJ	JT6M MS	50.256		
12121326	OZ1DJJ	FB JN64BL	50 230	т.	TWATOO
12121544	OZOJX	59A	50.099		SMOTSC
12121602	OZ5UKF		50.097		SMOTSC
12131053	OZ5UKF		50.230	J	G3UYM
12131836	OZ 60M	MS	50.225		G4IGO
12131934	OZ5UKF	JT6M	50.230		SM5LE
12131940	OZ 60M	MS JT6M JT6M MS	50.230		IW3SNU
12132009	OZ 60M	JT6M MS	50.230		GOCHE
12132017	OZ 60M	JT6M S9 4 SEC	50.230		MOCTP
12132237	OZ1DJJ	CO FSK441A	50 230		CARCT

12131934	OZ5UKF	JT6M	50.230		SM5LE
12131940	OZ 60M	JT6M MS	50.230		IW3SNU
12132009	OZ 60M	JT6M MS	50.230		GOCHE
12132017	OZ 60M	JT6M S9 4 SEC	50.230		MOCTP
12132237	OZ1DJJ	CQ FSK441A	50.230		G4PCI
12132238	OZ 60M	JT6M MS	50.230		IW2LC
12132341	OZ5UKF	4 MIN QSO	50.230		PA2V
12162101	OZ5UKF	JT6M MS	50.230	J	GOCHE
12192134	OZ5UKF	R26 28SEC/12DE		Н	IW5ACZ
12261257	OZ1DJJ	JT6M MS	50.230	11	IW3SNU
12271435	OZ 5UKF	JT6M	50.230		
12281907	OZ8ZS	JT6M		~	G4PCI
			50.247	J	G4PCI
12281916	OZIIEP	CQ JT6M	50.260		G4PCI
12281937	OZ8ZS	RRR	50.247		IWOGPN
12281949	OZ2LD	CQ >JN65	50.195	Н	S57RR
12282032	OZIIEP	JT6M	50.260	J	G4PCI
12291652	OZ 6VHF	599 JO57EI 5	0.0551		YO7VS
12291700	OZOJX 5	99/559 JO54VU			YO7VS
12291700	OZZLD	56>JN90CH	50.125		IK7IMO
12291713		59 OSB			YO7VS
	40000	05 255			10/45

ENGL	AND				
11110936	G4FUF	599/599 KEITH	JO01GN		Y071
11110945					Y071
		59+/59+ DAVID	IO91NE		Y071
12011114			50.110		I2AI
		2035/10	50.230	J	IW57
12041712			50.225		SMO:
12070949		JT6M HAROLD	50.230	J	IW21
12082213		JT6M QSO	50.230	J	SM51
12091239			50.016		
12111150	GOCHE	FB>JN64BL	50.235	J	IW4E

12082213		50.230	J	SM5LE
12091239	GB3BAA 559>J022QE	50.016		
12111150	GOCHE FB>JN64BL	50.235		IW4EOO
12111959	G4IGO CQ>JN64	50.230		IW4EOO
12112058	G4PCI JT6M	50.234	J	SM5LE
12112148	G4IGO JT6M	50.220	J	SM5LE
12131854	GOCHE CQ JT6M	50.230	H	ISOGQX
12131905	GOCHE RRR	50.230		IK5YJY
12132105		50.001		SV1DH
12132140	G4IGO JT6M MS	50.230	J	IW3SNU
12132215		50.235		IW2LC
12141538		50.016	В	G3UKV
12142050	M5TWO 15KM W OF ROTT	50.150		PD2WDR
12142134	G4IGO JN79TX	50.125		OK1MX
12181526		50.230	J	LAITV
12191155		50.230		PE1MZS
12201012		50.230		OE 5MPL
12202017	MOCTP JT6M	50.230	J	PE1MZS
12251143	G4IGO JT6M	50.230	J	IW3SNU
12261145	GOCHE MNI LONG BURST	50.230		IKOFTA
12261407	GOCHE	50.235	J	IW4EOO
12261435	G8ZRE CQ TEST	50.155		G4PCI
12261958	GB3MCB 59 IO700J>J083	UA	В	SP2BDR
12280928	G3UYM HAROLD	50.230		OE5MPL
12281040	GOCHE 13DB	50.230	Н	SP 6MLK
12281924	G4IGO JT6M	50.247	J	OZ8ZS
12281932		50.135		PE1MZS
12282009	G4DEZ 55A >IO88KI	50.130		MM5AJW
12282116	GX7VHF BURSTS>JP50JA			LAIV
12291518		90PS	W	YO7VS
12291532		80NW		YO7VS
12291536	G3MEH CQ TEST	50.133	H	S51DI

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12291537			YO7VS
12291539	G7RAU	559/599 DAVE IO90IR	YO7VS
12291545	GOCHE	RRR 50.230	IK5YJY
		CQ CW 50.102	PE1MZS
12291708	GOCHE	559/559 IO90PS	YO7VS
		559/549 QSB	YO7VS
12291730	G4WJS	59/55 BILL IO91NP	YO7VS
12291732	GOEZY	57/55 IO91SV	YO7VS
12291736	G3NVO	599 QSB 559 IO91JK	YO7VS
12301856	GOCHE	BIG QRM 50.230	IW4EOQ

# ESTONIA 12182045 ESGRQ KO28WA>CM88 JT65 EME J K6QXY

FAROE ISLANDS

12281954 OY6SMC 54A>IO	MMOAMW
FINLAND	

FINLA	ND				
12061613	OH5XO	53A>J059UQ	50.102		LA1TV
12121542	OH3WE	KP20>KO25	50.133		LY2BAW
12121548	OH2LE	59A	50.097		SMOTSC
12121549	OH6YF	57A	50.090		OZ1DJJ
12122128	OH6YF	JT6M MS	50.230		IW3SNU
12131530	ОНЕНОW	JT6M	50.232	J	SM5LE
12162106		55A NICE	50.067	В	SM3GSK
12182222		55A	50.067	В	SM2CEW
12212215	OH6YF	MS	50.225	J	G4IGO
12262038	OH9SIX	55A KP36>KP15	50.067	В	SM2CEW
	ОНЗХА	55A>J089	50.145		SMOLOB
12311105	OH9SIX		50.067	В	OZ1BNN

FRAN	CE		
11110926	F6CBH	59/59 JN19	YO7VS
11110954		59/59 GEORGE JN26MM	YO7VS
11110959		59/59 JEFF JN28NC	YO7VS
11111023		599/599	YO7VS
11111028		59/57 IN97QI	YO7VS
11111030		59/59 ALLAN IN88KN	YO7VS
11111039		579/569 JN25JS	YO7VS
11111042		599/599 IN95UR	YO7VS
11111240		59/59 JOE IN94SW	YO7VS
11111304		599/599 JN37PV	YO7VS
12011043	F5GTR	59 QSB IN96>JO55 .155	OZ1BNN
12031503	F6GEX	53>JN52LR JEAN 50.167	IK5RLP
12111045	F6FHP	CQ JT6M 50.230	G4PCI

<b>GERM</b>			
11110908			YO7VS
11110928			YO7VS
11110930	DL4ALI 59/59 STEFFAN JO50JW		YO7VS
11110933	DJ9KM 59+/59+ KLAUS JO40FB		YO7VS
11110953	DG7EAL 57/59 JULIUS JO31HB		YO7VS
	DF90X MS 50.099	C	SM5LE
12101508	DL5BAW 519 >JO31TO 50.104	H	DL2DR

GKEE	CE			
11110850	SZ7IGY 599+	50.024	В	YO7VS
12121857	SV1DH JT6M MS	50.230		
12132041	SV1DH STRONG JN64	50.220		
12132112	SV1DH	50.220		
12291628	SV1SIX KM17>JO20	50.040		

12152110 TF3SIX	529>JP99	50.057 B	LA7SP
IRELAND			
12261946 ET7RMR	575 TN76111	EA 13E	OCIDY

TOTAL AND

12261946 EI7BMB 57>JN76VL	50.135	SSIDI
ISLE OF MANN		

12031918	GDUTEP	CQ JT6M	50.230		G4PCI	
TTATE						
ITALY						
12011100			50.120		G7EXO	
12011142			50.165		GW8ASD	
12040944			50.230	J	GOCHE	
12041008		JT6M	50.230	J	G3UYM	
12041047		JT6M MS	50.235	J		
12051013		JT6M MS	50.230	J	GOCHE	
12051016		CQ JT6M MS	50.230	Н	GOCHE	
12051444			50.222	J	PA2V	
12052004		CQ JT6M	50.230		G4PCI	î
12070855	IW2LC	CQ JT6M			G3UYM	
12072022	IW5ACZ	JT6M QSO	50.230	J	PA2V	
12081548	IZ5ENZ	55 QSB>JN65	50.150		S57RR	
12110907	IW3SNU	CQ JT6M	50.230		G4PCI	
12111008	IW3SNU	JT6M MS	50.230	J	GOCHE	
12111022	IW5DHN	CQ JT6M	50.230	J	G4PCI	
12111040	IWSDHN	JT6M MS	50.230	J	GOCHE	
12111115	IW2LC	JT6M MS	50.225	J	GOCHE	
12111149		IO90PS MS	50.235	J	GOCHE	
12111942	IW4EOQ		50.230	H	GOCHE	
12112032		FB >IO80NW	50.230	J	G4IGO	
12120028	IW3SNU	JT6M MS	50.230	J	GOCHE	
12120857	IW3SNU		50.230		9H1PI	
12120951	IKOFTA	SERGIO FB MS	50.230	J	GOCHE	
12121001	IW3SNU		50.230	J	SMOTSC	
12121411	IKOFTA	JT6M MS	50.230	H	GOCHE	
12121437		MS 10SECS	50.230		G4IGO	
12121910	IKOFTA	JT6M SERGIO	50.230		IW3SNU	
12121924	IKOFTA		50.230	J	OZ1DJJ	
12121936	IW3SNU		50.230	J	GOCHE	
12121955	IKOFTA	CQ	50.233	H	OZ1DJJ	
12122047	I5MXX	529 JN52			IK5RLP	
12130717	IKOFTA	CQ	50.230		9H1PI	
12131851	IW3SNU	CQ JT6M	50.230	H		
12131904	IK5YJY	JT6M MS	50.230		GOCHE	
12131919	IW3SNU		50.230		SP6MLK	
12131923	IW3SNU				SM5LE	
12132020	IKOFTA	JT6M	50.225		PE1MZS	

12132051 IW2LC CQ JT6M 50.130 SP6NVN	12291553 Y07VS 559/599 VY QSB 50.110 SM5LE	12260942 HB9QQ JT6M 50.230 J G4PCI
12132102 IW3SNU WKD OZ9CQ 50.230 SP6NVN	12291711 YO7VS QSB >IO92 50.103 GOPQO 12291714 YO7VS 559>JO21 50.100 C PE1M2S	
12132107 IW4EQQ 50.220 SP6NVN 12132208 IW2LC CQ JT6M 50.235 G4PCI		URRAINE
12132343 IW3SNU 4MIN JT6M QSO 50.235 J GOCHE 12142058 IK5RLP JO21EU 50.150 PD2WDR	RUSSIAN FEDERATION	12161742 UT5G ES>JN35 50.084 B IK1EGC
12181047 IW3SNU CQ JT6M 50.230 G4PCI	12141409 RN6BN EME 2X20 100W 50.138 IK5YJY	12161752 UT5G 549>JN53OQ 50.084 B IZ5EKV 12291544 UU5SIX 55 KN74AL>JO55 .080 B OZ1BNN
12191135 IWOFFK CONSTANT 50.230 G4IGO	SARDINIA	
12191136 IWOFFK MARCO 50.230 W ON6AB	12120854 ISOGQX CQ 50.230 9H1PI	
12142058 1K5RLP JO21EU 50.150 PD2WDR 12181047 1W3SNU CQ JT6M 50.230 G4PCI 12181150 1K0FTA CQ JT6M 50.230 G4PCI 12181150 1K0FTK CONSTANT 50.230 G4IGO 12191136 1W0FFK MARCO 50.230 W ONGAB 12191159 1W3SNU CQ JT6M 50.230 H PE1MZS 12191220 1W3SNU JN68NE 50.230 J OE5WAL 12191516 1K2FTA CQ JT6M 50.230 G3UYM 12201032 1K0FTA CQ JT6M 50.230 G5EMBL	12311733 ISO/IOJU JT6M MS 50.235 J GOCHE	12262022 GW3MFY IO81FL>JN76UP 50.102 S51UF
12191616 IK2FTA CQ JT6M 50.230 G3UYM 12201033 IK0FTA 26/R27 SERGIO 50.230 OE5MPL	SCOTLAND  12032037 MM5AJW CQ JT6M 50.230 G4PCI 12032100 MM5AJW NICE REFL 50.230 H PC7M 12051945 MM3IFQ CQ IO88 50.230 H OZIDJJ 12061540 G83LER WEAK AU 50.064 B MM0BSM 12082150 MM3IFQ JT6M MS 50.235 J GOCHE 12092153 G83LER 529>JP99 50.063 B LA75P 12101902 G83LER PEAK 579 MS 50.064 B G4PCI 12132305 GM7FBB JT6M MS/ES? 50.230 GOCHE 12140020 GM7FBB CQ JT6M 50.230 H EI7BMB 12172033 MM5AJW WEAK PINGS 50.230 G4PCI 12202152 G83LER IP90>IN96 50.064 B F5TND 122021612 GM4NFC BRIEFLY 50.135 H GOCHE	Donardo of North America
12201052 IKOFTA CQ JT6M 50.230 G3UYM	12032037 MM5AJW CQ JT6M 50.230 G4PCI	Reports of North America
12251053 I5MXX MARZIO 50.230 IKUFTA 12251116 IKUFTA JT6M 50.230 J PA2V	12032100 MM5AJW NICE REFL 50.230 H PC7M 12051945 MM3IFO CO IO88 50.230 H OZ1DJJ	American Waters
12261035 IKOFTA 50.230 H F1FSH	12061540 GB3LER WEAK AU 50.064 B MM0BSM	12152240 AD6IW/MM ON WAY TO J6 .104 FM5JC
12261039 IKOFTA -12DB>JN45NT 50.230 IW2HUS 12261040 IKOFTA JT6M SERGIO 50.230 J GOCHE	12092153 GB3LER 529>JP99 50.063 B LA7SP	
12261046 IKOFTA CQ JT6M 50.230 G4PCI	12101902 GB3LER PEAK 579 MS 50.064 B G4PCI	ALASKA
12261158 1KOFTA CQ JT6M 50.230 GOCHE 12261224 IW3SNU JT6M MS 50.230 J GOCHE	12140020 GM7PBB CQ JT6M 50.230 H EI7BMB	12270357 KL7/KG0VL CW CQ 50.125 VA6SZ 12281058 KL7/KG0VL 539 STEADY 50.065 B VA6SZ
12261226 IW3SNU R26 JT6M 50.230 PE1MZS	12172033 MM5AJW WEAK PINGS 50.230 G4PCI	12281113 KL7/KGOVL 579 BP75>DO33 B VA6SZ
12262019 IW3HNU 59 CQ WSJT 50.230 EI7BMB	12261421 GM4NFC BRIEFLY 50.135 H GOCHE	12281113 KL7/KG0VL 579 BP75>DO33 B VA6SZ 12290201 KL7/KG0VL 51A 50.065 B VA6SZ 12291940 KL7 DATA S6 > CM88 40.530 K6QXY
12262044 IW3SNU CQ JT6M MS 50.230 H GOCHE	12261454 GM4NFC 59 BURST 50.135 H EI7BMB	
12271909 IW3SNU CQ JT6M 50.230 G4PCI	12261421 GM4NFC BRIEFLY 50.135 H GOCHE 12261454 GM4NFC 59 BURST 50.135 H E17BMB 12261902 GM4NFC 51 50.135 G4PCI 12261915 GM4ODA/P 59 IO865JN65 1.40 IW3SNU 12261915 GM4ODA/P 59 IO665JN65 1.40 IW3SNU 12261924 GM4ODA/P 50.150 DL4KG 12261931 GM4NFC IO75RI>JN480U 50.150 DL4KG 12262005 GM4WJA IO87 CQ 50.130 IZ1EPM 12272026 GM5AJW CQ JT6M 50.230 G4PCI 12281945 GB3LER AU >1086AD 50.064 B MM0BSM 12282006 2M0LOZ 54 >1088KI 50.145 MM5AJW 12291703 MM0DDC CO JT6M 50.230 G4PCI	BAHAMAS
12271923 IW3SNU JT6M 50.230 OM5CW	12261915 GM4ODA/P 59 IO66>JN65 .140 IW3SNU 12261924 GM4ODA/P 50.140 DL4KG	12092348 C6AFP 569 FL16HS>FN42HE B K1DAT
12281321 IK2GSO JT6M 50.230 J GOCHE	12261931 GM4NFC IO75RI>JN48OU 50.150 DL4KG	12092350 C6AFP FL16 50.062 W1JJ
12281755 15MXX 539 TR JN65>JN53 .008 B S5/RR 12281938 IWOGPN RR 50.247 OZ8ZS	12272026 MM5AJW CQ JT6M 50.230 G4PCI	12100143 C6AFP FL16>DN70 50.063 B K0GU
12291542 IKOFTA 559 JN61GV 50.099 H G7RAU	12281945 GB3LER AU >1086AD 50.064 B MM0BSM	12120130 C6AFP FL16HS>EN71 50.0626 B KB8U
	12291703 MMODQP CQ JT6M 50.230 G4PCI	
12291627 TOJX 559 JN61HV 50.004 B G7RAU		12292236 C6AGN >EM64 H WB4VHF
12291630 IKOFTA >JO20 50.098 PC5A 12291634 IKOFTA JO21>JO61 50.098 ON6NL	SLOVENIA 12190829 S57RR 53-4>JN52T 50.162 IK5RLP	12292254 C6AGN FL16>EN82 50.122 K8MD
12291643 IWOBET CQ JN61>JO21 50.163 ON6NL	12191146 S50W 42 TR >JO50 50.142 H DK2EA	12292259 C6AGN FL16>EN91PB 50.122 KB8VAO 12292305 C6AGN FL16>EM65 KG4PSR
12291645 IKOOKY 50.163 PC5A	12191249 S57RR 55 >JN35 50.150 IW1AZJ	12292310 C6AGN FL16>FN00 50.122 K3HX
12291650 IKOFTA JT6M 50.230 J GOCHE 12291655 IKOFTA CO JT6M 50.234 G4PCI	12190829 S57RR 53-4>JN52T 50.162 IK5RLP 12191146 S50W 42 TR >JO50 50.142 H DK2EA 12191249 S57RR 55 JN35 50.150 IW1AZJ 12291610 S55ZRS 579 JN76MC 50.021 B G7RAU 12291620 S51D1 579 JN76VL 50.102 G7RAU 12291657 S51D1 579 JN76VL 50.102 G7RAU	12292327 C6AGN FL16>EN52 50.122 AA9D
12291912 IRUFTA CQ JT6M MS 50.230 H GOCHE	12291657 S51DI 550 JN76>IO90 50.102 PA2V 12291710 S51DI 550 JN76>IO90 50.102 GOCHE	BERNUDA
12301853 IW4EOQ JT6M MS 50.230 H GOCHE 12311103 IW3SNU JT6M QSO MS 50.230 J GOCHE		12092337 VP9GE 50.120 K3KO 12100004 VP9GE LOUD>EM95 50.120 AD4IE
12311123 IW3SNU JT6M JO21UE 50.230 J ON6NL 12311322 I2WSG CQ JT6M 50.239 G4PCI	SPAIN	
12311505 IKOFTA GOOD REFLECTIONS.230 PA2V	12301241 EA3XA WEAKLY>1093 50.016 B GODJA	BRITISH VIRGIN IS.
T TOTAL A DIT A	SVALBARD	12032029 VP2MQQ W/ FJ5DX 50.110 K8LEE 12041705 VP2MQQ W/ FJ5DX 50.110 FM5JC
LITHUANIA 12121609 LY2BAW CQ A 50.095 OZ1DJJ	12012148 JW7SIX 559>JO49UQ 50.047 B LA1TV	
12121609 B12BAW CQ A 30.093 OZ1D00	12021939 JW5SIX OK 50.046 B OH6YF 12021941 JW7SIX 599++ 50.048 B SM2CEW	CANADA, Eastern
MALTA	12061502 JW5SIX 58 KQ26 50.048 B OH7UE	11262253 VEZXK LOUD FN0/>EM13 50.130 NORQ
12072118 9H1TX MNI PING 50.230 J IW5ACZ	12061502 JW5SIX 58 KQ26 50.048 B OH7UE 12061741 JW7SIX 599 AE 50.048 B SM07SC 12061803 JW5SIX 539 MS OR AE 50.046 B SM07SC 12061803 JW5SIX 549 50.046 B SM07SC 12061814 JW9SIX 559 50.049 B LAITV 12061814 JW5SIX 579 AE 6 2100 50.049 B LAITV 12081732 JW5SIX 579 AE 6 2100 50.049 B SM2CEW 12092217 JW9SIX 529	12060137 VA3INV CHRIS 50.125 K4YI
NETHERI ANDS	12061803 JW5SIX 539 MS OR AE 50.046 B SMOKAK	12081234 VE2QRA FN46 50.125 K4KJZ
11110931 PA5VL 59/59 HENK JO22SA YO7VS	12061813 JW/SIX 549 50.047 B LAITV 12061814 JW9SIX 559 50.049 B LAITV	12120534 VE2YAT 52A FO40>FN48 B VE2RA
12051348 PA2V JO22>JO99 50.234 SMOTSC	12061814 JW9S1X 559 12081732 JW5SIX 579 AE & 2100 50.046 B SM2CEW 12092217 JW9SIX 529 1211930 JW5SIX LOUD 50.046 B OH6YF 12112140 JW9SIX 559 AUE JQ94 50.049 B SM5DIC 12171632 JW5SIX 559 AUE JQ68 50.047 B SM3CSK 12172116 JW9SIX 559 AUE JQ68 50.047 B SM3CSK 12172117 JW5SIX 559 AUE JQ68 50.047 B SM3CSK 12172117 JW5SIX 519 AE 50.046 B SM0KAK 12172142 JW9SIX 59A JQ94>JP82 50.049 B SM3CSK 12281737 JW5SIX 59A JQ94>JP82 50.046 B OHBLRB 122817345 JW5SIX 599 KQ26>JP82 50.046 B SM3CSK	12120602 VE2RA AU-E FN48>EN84 W N8CJK
12051436 PAZV CQ 50.222 H 1W4EOQ 12072032 PAZV JN53HP 50.230 J IW5ACZ	12111930 JW5SIX LOUD 50.046 B OH6YF	12130106 VE2YAT 51A FO40>FN07 B VE2XK
12111100 PA2V JT6M MS 50.235 J IW2LC	12112140 JW9SIX 559 AUE JQ94 50.049 B SM5DIC	12130133 VE3UBL 519 ES >FN07 50.059 B VE2XK 12130142 VE2XK AU >FN04 50.125 VE3SPW
12131823 PA2V 50.230 J IK5YJY	12171815 JW7SIX 559 AUE JQ68 50.047 B SM3GSK	12130229 VE2XK MS FM29 50.125 N2NRD
12132336 PE1CZG JT6M MS 50.225 IW2LC 12132338 PA2V JN68NE 50.230 OE5UAL	12172116 JW9SIX 589 AE 50.049 B SMOKAK 12172117 JW5SIX 519 AE 50.046 B SMOKAK	12140057 VE2QRA FM19>FN46 50.125 W3UR
12142040 PI4KGL 50.130 M5TWO	12172142 JW9SIX 59A JQ94>JP82 50.049 B SM3GSK	12140101 VE2QRA >FM29 MS 50.125 N2NRD
12142143 PI4KGL 50.155 W IK5RLP	12281745 JW551X 569 KQ26 50.046 B OH8LRB	12150232 VE3SPW FSK441 >FN32 50.260 K1IM
12251059 PA2V JT6M 50.230 J IW3SNU	G	12161822 VE3CRU FN03>FN74 50.125 VE1YX 12171858 VE1YX IN/OUT FN74 50.125 K9DRY
12291636 PA2V 599 JO22>JN53 50.102 IZ5EKV	SWEDEN	12172125 VE2XK FM16>FN07 50.125 KG4QMI
12291642 PE1CZG 55>JN53OQ 50.156 IZ5EKV	12031828 SM/FJE FB BURSTS BO 50.230 G41G0 12041602 SK7NM MS QSO 50.230 J G41G0	12172211 VE2QRA EM84>FN46 50.125 W4NE 12172230 VE1YX 53 FN74>EM65 KG4PSR
12271727 1811825 333 Q55 30 0021 10745	12051516 SMOTSC CQ JT6M 50.230 G4PCI	12172233 VE2QRA FN46>EM73 50.125 W4GCB
NORTHERN IRELAND	12111850 SMOTSC JT6M JOHAN 50.227 J PA2V	12180258 VE2YAT 31A AU FO40 50.054 B VE2XK
12291541 GI6ATZ "CONTEST" 50.160 G0JHC	12112021 SK7NM JT6M 50.230 G4PCI 12112031 SK7NM JT6M MS 50.230 J GOCHE	12192313 VE3KRP EN58 50.125 N2NRD
OFFICE CALCE	12112221 SM4ANQ CQ JT6M 50.230 H SM5LE	12192343 VE3FGU 599 FN04>EN19 50.100 C VE4AMU
NORWAY	12120844 SM6NZV JT6M 50.230 G4PCI 12120953 SM7FJE CQ JT6M 50.230 G3UYM	12201525 VE3FGU FN04 50.125 N1RAM 12201554 VE3TMG EN82>FN86 50.125 VY2PU
12022022 LAITV CQ JT6M 50.230 G0CHE 12061822 LA7VH 52A JO59>JO54 50.095 QZ0JX	12120959 SM0TSC JT6M MS 50.230 J IW3SNU	12201718 VE2XK FN07 50.125 K1SG
12092152 LA7SIX 559>JO49UQ 50.051 B LAITV	12121559 SM0TSC JO99CF 50.097 LA3ANA	12201812 VE1YX 50.125 KC9AXZ 12201838 VE1SMU 579>FN04 50.001 B VE3FGU
12092203 LATYCA 599 KQT0XM>JO590Q LATTV 12092216 LA7SIX 539 50.051 B SM0KAK	12121959 SMOTSC CQ JT6M 50.230 G4PCI	12202129 VE1YX 50.125 KC9AMM
12112119 LAITV JT6M 50.228 G4PCI	12122239 SM4ANQ JT6M 50.230 M0BCG	12202200 VE2XX FM16>FN25 50.125 K8DXR
1212135 LATTY STOM GEMINIUS 50.228 GOCHE 12121354 LATTY CQ JT6M 50.230 G4PCI	12131648 SM7FJE JT6M 50.230 OZ1DJJ	12202204 VE1YX 53 50.125 W4TRH
12121555 LA3ANA 55A 50.097 SMOTSC	12131924 SM5LE JT6M 50.230 G4PCI	12232130 VE9BEA 539 FN65>EN44 50.024 B K9MU
12121605 LASMT 57A 50.097 SMOTSC	12132045 SM7FJE JO80IK STAN 50.230 J SP6MLK	12232131 VE9AA 50.125 K8LEE
12172041 LAITV CQ JT6M MS 50.230 GOCHE	12132125 SM7FJE 50.230 OK1MX	12232329 VE2YKT FN37>EN52 50.130 AA9D
12271139 LAITV JT6M CQ 50.230 G4PCI	12142116 SM4ANQ JT44 50.230 OK1MX 12181602 SM7FJE MS BO 50.230 J G4IGO	12240016 VE2XK 57 FN07>EM37 50.125 K0AZ 12261556 VE1YX FN74>FN86 50.125 VY2RU
12301/18 LAITV JT6M 50.230 J G4PCI	12281912 SM2X SSB 50.132 OH8LRB	12261730 VE2YKT FN37 50.125 WB9IPX
POLAND	12291552 SM5LE 599/559 Y07VS	12262147 VE2FSK 59 >EM79 50.128 W9RM
12091229 SP3JMZ J011WH 59.000 PA0GHB	CHARGEDY AND	12262205 VE2XK FM16>FN07 50.129 KG4QMI
12122052 SQ/DQX JT6M 50.225 G0CHE 12122114 SQ7DQX JT6M MS 50.225 IW3SNU	SWITZERLAND	12262215 VE2PEP EM20>FN46 50.170 K5NZ
12122302 SOSAS JT6M MS 50.230 IW3SNU	12021449 HB9SIX 539 0.7W JN47 50.058 B DK2EA	12262218 VA2RC FN47 50.135 WB91PX 12262224 VE3GIB FN25 50.140 WB91PY
PORTUGAL	12041207 HB9SIX 559 TR JN47QF 50.058 B DF0HF 12041708 HB9OO JT6M 50.230 GARCT	12262225 VE2YKT 59+ >EM79 50.133 W8FAX
12131802 CT1FJC 50.230 H G4IGO	12041715 HB9QQ GD BURST >S3 50.230 MOCTP	12262236 VEZRA 50.125 K8DXR 12262242 VE9AA FN66>EN82 50.157 N8UUP
DOMANUA	12281737 JWSSIX 569 KQ26	12262256 VA2RC 50.133 WA4NFO
12291518 YO7VS 599 KN145TO90 50 110 COCHE	12110930 HB9QQ CQ JT6M 50.230 G4PCI	12262318 VE2XK EM65>FN07 50.140 NB4M
12291539 VOTUS KNIAVHOTOSI 50 110 GATEY	12241105 HB9SIX 529 JN47QF>JO50UF B DK2EA	12262328 VE2YKT FN37 50.143 K8ROX
12291337 TOTAL WITHIN CONT. SOLITA		Direction Direction of the Dam

12262331 VE2YKT EM65>FN37 12262337 VE2XK FN07>EM73 12262351 VE2XK FN07>EM73 12262351 VE2XK FN07>EM73 12262351 VE2XK S5 >EM44 12270206 VE2RA S9 FN48>EM69XS 12271926 VE1YX FN74>EM81 12271901 VE1YX S9+ FN74>EM81 12271926 VE1YX S9+ FN74>EM81 12271926 VE1YX S9+ FN07PJ S0.125 12271926 VE1YX S9+ FN07PJ S0.125 12271926 VE1YX S9+ FN07PJ S0.125 12271940 VE1YY S9 >FN07PJ S0.125 12271940 VE1YY S9 >FN07PJ S0.125 12271940 VE1YY S9 >FN07PJ S0.125 12271957 VE1SMU 579 >FN07PJ S0.125 12271954 VE2XK >FM66 12272236 VE2QRA FN46>EM44 12272332 VE2RA >DN62 WY S0.125 12291555 VA2BN 57 FN36>EM70 12291558 VE2QRA S9+ FN48>EM80 12291548 VE2RA 59+ FN48>EM80 12291548 VE2RA 59+ FN48>EM80 12291548 VE2RA 59+ FN48>EM80 12291548 VE2RA 59+ FN48>EM80 12291631 VE2DCP FN35>EM70 12291254 VE3BM FN03>EM74 122922241 VE3SCP EM93>EM94 122922241 VE3SCP EM93>EM94 122922241 VE3SCP EM93>EM96 122922241 VE3GCP FN55>EM70 12312102 VE9KAR S9 FN65>FM19 12312104 VE9GUS FN65 123121055 VE3GUS 12312110 VE1MR FN84>FN45 12312110 VE1MR FN84>FN74 12312110 VE1MR FN84>FN	12280034 VE5PM 56 DN59>EM27 12280039 VE4VHF IN/OUT >CN85 12280111 VE6CRZ DO21>EN10 12280112 VE6TY DO33>EN10 12280117 VE6PLC DO31>EN10 12280117 VE6PLC DO31>EN10 12280117 VE6PLC DO31>EN10 12280123 VE6YC DO21>EN10 12281512 VA6HCS >DN62 122821512 VA6HCS >DN62 12282157 VE4VHF LOUD EN19>EM55 137 B M4L1 12282255 VE4VHF EN19>EM13 12282255 VE4VHF EN19>EM13 12282252 VE4QC DO90 12282347 VE4QC 59 DO90>EM39WO 50.125 12280314 VE4ARM 54A 12290226 VE4VHF 54A EN19>EN44 12290226 VE6EMU 52A DO33>DO20 12290335 VE4VHF AU−ES 12290335 VE4VHF AU−ES 12290335 VE4VHF AU−ES 12290357 VE4SPT 52 AU−E EO26 12291935 VE7YAA CN79>CM98 12291935 VE7YAA CN79>CM98 12291935 VE7YAA CN79>CM98 12292012 VE7YAA S99/599 >CM88 12292010 VE7SAJ CN88>CM98 12292012 VE7YAA CN97>EM52 12310200 VE4SPT 52A 6 SC 12310200 VE4SPT 52A 6 SC 12310200 VE4SPT 52A 6 SC 12310302 VE4VHF 539 QSB 12310316 VE4ARM 429 6 0510 12310312 VE4SPT 55A  COSTA RICA 12062214 TIZNA ERIK 50.125 WD0M  CREENLAND 12280019 OX3VHF WEAK >FN44 12282048 OX3VHF S2-3 AU-ES S2-3 .045 B K1TOL GUADELOUPE 12152339 FG5JC  50.105 PY40Y	12060217 W1/Wa2SPL
CANADA, Northern  12130248 VE8BY 41A >FN07PJ B VE2XJ 12170335 VE8BY AU >FN07 B VE2XX 12180245 VE8BY 55A >FN07 50.049 B VE2XX 12280019 VE8BY WEAK >FN44 B VE17CL 12290324 VE8BY S94 AU —ES 50.049 B K1TOL 12290349 VE8BY WEAK AU —E >ENS4 B W9JN  CANADA, Western 11270004 VE6ARC 589 D005>DN70 50.044 B K0GU 11270043 VA5DX 50.135 K7VE 11301652 VE7FG ES 50.033 B N17Z K7UV 11301652 VE7FG ES 50.033 B N17Z K7UV 12072234 VE7SDX CN88>DN31 50.135 K7UV 1210702248 VE6EMU >CM88 B K6QXY 12111142 VE6EMU >CM88 B K6QXY 12111142 VE6EMU >CM88 B K6QXY 121211100 VE4ARM 51A EN09>EN44 50.019 B K9MU 12130240 VE4ARM 55P >FN07PJ B K9MU 12130240 VE4ARM 55P >FN07PJ B K9MU 12130240 VE6EMU S3 AURES 50.041 B K6TV 12170324 VE7FG C083 51A 50.033 B KE7V 12170324 VE7FG C083 51A 50.033 B KE7V 12170324 VE6EM EME—15DB SYNC 13 .191 IM5DHN 12192217 VE4VHF 57 >FN07 50.036 B KE7V 12192226 VE5UF 59+ >FN04 50.125 WE2XK VE3FGU 12192225 VE4WH 59+ >FN04 50.125 WE2XF 12192230 VE4AMU 59 EN FN04 50.125 WE2XF 12192230 VE4AMU 59 EN FN04 50.125 WE3FGU 12192230 VE4AMU 59 EN EN FN04 50.125 WE3FGU 12192330 VE4VZ EN F9+ PN04 50.125 N2NDD 12192330 VE4VW EN F9+ PN04 50.125 N2NDD 12192330 VE4WU EN F9+ PN04 50.125 N2NDD 12192330 VE4WU EN F9+ PN04 50.125 N2NDD 12192330 VE4WU EN F9+ PSN04 50.125 N2NDD 12192330 VE4W	12280034 VESPM 56 DN59>EM27	12241433 K1TOL   CQ
12262315 VE4VHF S1 50.036 B K170L 12272136 VE6EMU 579 D033>EN44 50.041 B K9MU 12272152 VE6ERZ 57 D021>EN44 50.125 K9MU 12272208 VE5PM NICE SIG DN59>EM73 K8EB 12272210 VE4VHF 559 50.036 B W1JJ 1272212 VE6PY 59 D020>EN44 50.135 K9MU 12272321 VE6PY CW >FN44 50.125 K170L 12272321 VE6PY CW >FN44 50.125 K170L	12241609 VOIKVT GN29>FN04	12212326 KZUU 50.125 WSCIA 12232331 WZHTW FN32 50.120 KITTT 12242123 KC2KXV CQ 50.125 NLOKL 12261925 KZDZM FN20>EN10 50.125 NLOKL 12262239 WBZKKX FN23>EN82 50.157 NBUUP 12262316 NZXNB FN12>EN22 50.157 NBUUP 12262317 KC2FUZ FN22>EN82 50.157 NBUUP 12270210 WZHTW 55 >EN24 50.145 NOVQA

12292205 K2UU FN33>EM55   50.145 N4JQQ   12300131 W2/K3KYR   50.400 A W5LL   W0JGB   12300138 WAZRQC 59 > EM28   12300146 KCZLIX   50.175 KORPT   12302200 K2WA   50.175 KORPT   12302215 KC2NMX FN32   50.125 K1TTT   12312150 KA2LIM FN12>FN43   50.125 K1SIX   United States, W3   12062119 N3CK   50.147 N0RQ   12070204 N3AUS EN91>EN80   50.125 N4DB   12081214 KB3IIA   50.125 N4DB   50.125 N4DB   12081214 KB3IIA   50.125 N4DB   12081214 KB3IIA   50.125 N4AJQS   12081214 KB3IIA   12081214 KB3IIA   12081216   12081216 KB3IIA   120812	12120104 W4EJG FM05 50.125 WB5NRI 12120119 K4LTD 59+ >EN24 50.135 12120127 WD4CQ EM95>EN22 50.140 NOAN 12120145 KJARB FM15>EN22 50.149 NOAN 12120146 K4SO 59 FM18>EM37 50.125 KB8U 12120219 KE4KVW EM80>EN71 50.125 KB8U 12120224 KE4KVW EM80>EN71 50.125 WB5NRI 12120224 KE4KVW EM80EM22 50.125 WB5NRI 121201616 KD4ESV 55 EL87>EN81 12121616 KD4ESV 55 EL87>EN81 12121616 NA4OOS EL86>FN10 50.125 W7GJ 12130115 N4VA FN10>FM18 LARRY 50.125 W3MEL	12300051 K4KWK 559 EM75>EN74 50.069 B KBGC 12300054 KG4VVA EM96 50.125 KB9MMA 12300055 K4LTD EM93 50.130 KB9MMA 12300056 W04DX EM74>EN74 50.180 KB6GC 12300102 W44CQG EM72>EN74 50.125 KB6GC 12300104 K4ECW EM76>EN74 50.134 KB6GC 12300138 N4HB FM17>EN42 50.136 KB6CC 12300138 N4HB FM17>EN42 50.180 K90T 12301640 W04DX EM74 50.125 W5CIA 12311248 W4K4N 59 EM75 50.125 W5CIA 12311248 K4RX 59 EM75 50.125 W5CIA 12311324 AC4TO 559 SC 50.125 N8CJK 12311324 AC4TO 559 SC 50.125 N8CJK 12311324 AC4TO 559 SC 50.125 N8CJK 12311327 KE4KWW EM80>FN43 50.125 W5CIA
12101036 N3CK CQ 50.085 N9SF 12111242 W3DOG FM28 EM55 50.072 B W5VHF 12111317 NG3W 55 FN01>EM25 50.125 W5VHF 12111340 N3KNR 54 FM18>EM55 50.125 W5VHF 12111406 W3DOG 599 >EM55 50.072 B WA4HFN 12111406 W3DOG 599 >EM55 50.072 B WA4HFN 121120130 N3XEG IN&OUT FN01>EL88 .125 N42Q 12120221 K37KJ 59+ >EM37 50.145 K0AZ 12120242 N3DB FM18>EM44 W K5CN 12120242 N3DB FM18>EM44 W K5CN 12140148 KAJPQS FN10>FM18 50.125 W3MEL 12140147 K3SK FM18 50.125 W3MEL 12170819 W3/KL7GLK FM18 50.075 W3UR 12170819 W3/KL7GLK FM18 50.125 M3ME 12171238 N3AUS EN91>EM90 50.125 M4DB 12172236 W3GNQ EN50>FM28 50.125 K9ZO 12181546 K3CFY FN00>EM80 50.125 N4DB 12122334 W3DOG FM28 50.007 B K0HA	12140146 K4QO EM92 50.125 K31XD 12140244 K4QI SCATTER 50.125 KG91L 12140423 WB4LDS 59 DM42>DM06 50.125 K6G9L 12140434 AC4TO FM06>EM70 50.125 K6KDA 12140434 AC4TO FM06>EM70 50.125 K447Z 12161953 K4TCR 559 EM63>DN70 50.060 B K0GU 12172016 W4CBX EM85 50.060 W1UJ 12172016 W4CBX EM85 50.063 B K1TOL 12172023 K44SIX S3-9 EM83 50.063 B K1TOL 12172042 K41EX EM67 50.128 W1UJ 12172118 WK4N 59 50.140 K1MS 12172136 KE4CGM 59 50.147 K1MS 12172136 KE4CGM 59 50.125 W1UJ 12172120 W4WRL FM04 50.147 K1MS 12172147 K4WS 59 EM85>FN42 50.140 W1TM 12172147 K4WS 59 EM86>FN42 50.130 W1TM 12172122 KG4FSR EM65>FN74 50.130 W1S	12060115 KSTF 59 EM73 50.150 KIMS 12070012 KSETX ELL17>DL44 S XE2HWB 120700134 KSETX DM42 AZ>EL17 TX .125 K7NN 12070232 KSGJX 59 EL17 TRANDY 50.125 K4RX 12070325 KSETX ELL17 50.140 AD6WL 12070336 KSETX EL17>DN70 ES 50.125 K0GU 12070448 AD5MT EL09>DM13 50.125 K6CF 12081453 KESBSY 59 EM32>EL88 50.125 K4CQL 12082350 AD5D 50.125 KCQE 12082316 KSDNL EM15 50.125 KCQE 12082334 KDSND TOM EM22 50.135 VESSUB 12082334 KDSRUJ 559 EL99>EM70 50.095 W4WV 12082334 KDSRUJ 559 EL29>EM70 50.095 W4WV
12230410 W3AWF 57>FN21	12172302 KB4PRH EM73,AC4TO EM70>FN02   N2WEC     12181047 WK4N WKK WILS >FN44   50.125   K1TOL     12190010 K4RX EM70   50.125   K4KJZ     12191424 K4RX LOUD EM70>EN82 50.125   N8UUP     12191424 K4RX LOUD EM70>EN82 1.25   N8UUP     12202156 W4CEX EM86>FN86   50.125   V2RU     12202159 WANP EM96>FN86   50.125   V2RU     12202203 WK4N EM75>FN86   50.125   V2RU     12202215 WK4N EM75>FN46   50.125   V2RU     12202215 WK4N EM75>FN46   50.125   V2RU     12202215 WK4N EM75>FN46   50.125   V2RU     12202313 K4QW EM93>FN46   50.125   W2AJM     12202134 K04PK EM83>FN46   50.125   W2AJM     12202135 KC4PX EL98   50.125   N4NN     1222716 K4GWK FL   50.125   WAZJDV     12261538 K64WHJ RARE EM81   50.125   K4RX     12261232 AC4TC EM70>EN10   50.125   K4RX     12261232 AC4TC EM70>EN10   50.125   K4RX     12261232 AC4TC EM70>EN10   50.125   K6RPT     12261218 CAMPT EM70>EN10   50.125   K4RX     12261218 CAMPT EM70>EN10   50.125   K6RPT     12261218 CAMPT EM70   50.125   K6RPT     12261218 CAMPT EM70>EN10   50.125   K6RPT     12261218 CAMPT EM70   50	12082343 W5GMC EM15 50.145 W9RN 12082343 W5GMC EM15 50.145 W4WV 12090004 N5FF 59 EM12>FM19 50.130 AK3E 12090116 K5DNL EM15>EM93 50.135 K3TXD 12090146 W5CJI EM40>DN70 ES 50.060 B K0GU 12090206 W50ZI PAT 50.130 K4RX 12100014 W5DNRI EM22>EN80 50.125 N4DB 12100017 K5DNL EM15>EM92 50.160 KRIST 12100051 W5SNRI EM22>EM92 FM 50.300 KRIST 12100111 K5KV EM40>EM17 50.096 NOJK 12100111 K5KV EM40>EM17 50.096 NOJK 12100257 W5SNRI EM22>DM42 AZ 50.170 K7NN
	12262206 KC4PX	12140151 K5AB
United States, W4  12041536 AC4TO CW>EN61 12051421 AC4TO CQ SC EM70 50.125 K4RX 12051427 AC4TO CQ SC EM70 50.125 K4RX 12060052 KD4ESV 57 FN02>ELR67 12060104 WB4TJO 59 EM60>FM19 12060108 WB4GTB 55 EM73>FM19 12060108 WB4WK EM75 SC 210* 12060114 WB4UNA EM93 12060114 WB4UNA EM93 12060116 K4AVK EM75 SC 210* 12060119 K4RX 59 FERRY 12060129 K4RX 59 FERRY 12060129 K4RX 59 FERRY 12060139 K4RX 59 FERRY 12060139 K4RX 59 FERRY 1206119 K4RX 59 FERRY 1206118 K4BVERFERFERFERFERFERFERFERFFERFFERFFERFFER	12291815 KG4YMC 52 EM70>FN46 50.125 VE2QRA 12291927 W4JMY/M 55 EM94>EN63 50.125 K9DRX 12291952 KD4HLG 599 EM73>EN44 50.075 B K9MU 12291952 NJJF 59 EM63>EN63 50.125 K9DRX 12291952 NJJF 59 EM63>EN63 50.125 K9DRX 12291956 W4/KJJV 53 EM63 50.133 K9DRX 12292006 W4/N1WON BOOMING EL89 .150 K9DRX 12292019 W4E3G FM05>CN85 WA7GCS 12292022 K4EB 50.130 K4UTE 12292011 K14CCZ FN10>EM84 50.125 WA7GCS 12292021 K4EC 50.125 WARGC 12292011 K4CCZ FN10>EM84 50.125 WARGC 12292012 K4EB 50.130 K4UTE 12292131 W4REG FM05>EN62 K9RZ 12292141 KC4PX EL91>FN00 50.125 VE7YAA 12292135 KG4PSR EM65 TENN 50.150 WC2K 12292147 K14DJG LOUD FM04>EN74 .125 KB8CC 12292158 KG4PSR EM65 TENN 50.150 WC2K 12292158 KG4PSR EM65 FENN 50.150 WC2K 12292228 KC4PX 59 50.135 K9MU 12292228 KC4PX EJ98>EN74 50.135 KB6CC 12292233 N4SVA Q5 EM50>EN74 50.135 KB6CC 12292233 N4SVA Q5 EM50>EN74 50.130 KB6CC 12292237 WA4CQG 55 EM72>FN20 50.140 N3CR 12292237 WA4CQG 55 EM72>FN20 50.140 N3CR 12292237 WA4CQG 55 EM72>FN20 50.144 N3CR 12292240 WA4CQG 57 EM72>FN20 60.144 N1TM	12262216 W5TDN EM22>FN20 50.125 KB0FHP 12262228 K5DWVL EM05>EM73 50.125 W4GCB 12270004 N5SUS 59 EM01>FM19 50.125 AK3E 12270014 K5NZ 59 EM01>FM19 50.125 AK3E 12270015 K5NZ CQ 50.098 K51X 12270142 K5DNL DM090L>EM15 50.140 K7XC 12270143 W5GLD DM090L>EM15 50.126 K7XC 12270143 W5GLD DM090L>EM15 50.126 K7XC 12270143 W5GLD DM090L>EM15 50.128 K7XC 12270149 KD5CDU EM37>DM79 50.125 W0RGF 12270127 K5RLA EM02>DM06 50.125 W7GJ 12270222 W5WRL 599 DM02 599 50.190 W7GJ 12270227 W5FWC EM12>DM06 50.125 W7GJ 12270227 W5FWC EM12>DM06 50.135 W7GJ 12270224 W5WSL 599 DM02 599 50.135 W7GJ 12270227 W5FWC EM12>DM06 50.135 W7GJ 12270224 W5SSL 599 DM06 50.135 W7GJ 12270224 W5SSL 599 EM02 59 50.135 W7GJ 12270224 W5SS EM13 50.135 W7GJ 12282053 W5SIX >EM52 BW40>EM13 W5GLW STP DM64>EM50 S0.135 W7GJ 1228213 W5SIX S79 DM54>EM50 S0.135 K9MU 12282211 K5ETX EL17>EM50 S0.135 KG9Z 12282212 K5UJC EN50>EM10 S0.135 KG9Z 12282221 K5ETX EL17 S0.140 N9AOL 12282211 K5ETX EL17 S0.135 KG9Z 12282222 K5JWL EM50>EM10 S0.135 KG9Z 12282222 K5JWL EM50>EM10 S0.135 KG9Z 12282221 W5SIX DM54>EM57 W09SEMF 12282311 WB5KIA EM13>DM33 S0.150 W12WV/7 12282312 W5SIX DM54>EM57 W09SEMF 12282312 W5SIX DM54>EM57 W09SEMF 12282314 W5DSKIA EM13>DM33 S0.150 W12WV/7 12282314 W5DSKIA EM13>DM33 S0.150 W12WV/7 12282314 W5DSKIA EM13>DM33 S0.150 W12WV/7 12282314 W5DSKIA EM13>DM54=M57 W09SEMF
12100028 W4/WIGUD EL87 TAMPA,FL .140 NOJK 12100130 K4AHO EL98-DM70 50.077 B KOGU 12100141 W4GCB EM73>DM82 50.125 N5POB 12100157 KE4KVW 50.130 W5SSG 12100140 KP4ESV >DM65RD 50.125 N5JEH 12101402 N4DB 559 50.125 W1JJ 1210053 W4CHA >EN81 B KC8ZIZ 1211236 W4CHA 569 EL88>FN42 50.080 B K1DAT 1211236 W4TJ 569 FM08>EM25 50.125 W5VHF 12111251 N4DB 559 EM80>EM25 50.125 W5VHF 12111256 K4CEB 559 EM95 50.125 W5VHF 12111256 K4CEB 559 EM95 50.125 W5VHF	1292245   KC4PX   S0.135   K3HX     1292247   WA4COG EM72>FN00   50.144   K3HX     1292248   WA4YRF 57 EM77>FN20   50.180   N3CR     1292251   KD4ESV   EL87>FN00   50.170   K3HX     1292254   K4CMS   55 EM66>FN20   50.138   N3CR     1292257   WO4DX   FN42>EM74   50.175   N11W     1292311   K4KJZ   EM72>EN74   50.130   KB8CC     1292312   KC4TYO   EJ98>FN00   50.130   K3HX     1292312   WA4HFN   EM55>FN00   50.130   K3HX     1292331   WA4HFN   EM55>FN00   50.130   K3HX     1292337   K4PN   EM56>FN12   S0.153   KB9JCW     1292337   K4PN   EM56>FN12   S0.127   KC2MHU     1292334   K4QI   E844>EN62   KB8CC     12300026   KE4KVW   EM80>EN74   50.162   KB8CC     12300027   K74AYZ   EM85>EN74   50.162   KB8CC     12300047   WA4EWG   S9+>EN93   50.132   VA3RJS     12300047   WA4EWG   S9+>EN93   50.132   VA3RJS     1292330   VA3RJS   S0.132   VA3RJS     1292330   WA4EWG   S9+>EN93   S0.132   VA3RJS     1292334   K4QI   EM55>EN74   S0.162   KB8CC     12300047   WA4EWG   S9+>EN93   S0.132   VA3RJS     1200047   WA4EWG   S9+>EN93   S0.132	12290043 W5TDN 57 EM22>EN35 50.125 KCORQH 12290058 K5DNL 57 EM12>EN44 .125 KSMU 1229058 K5DNL 57 EM15>EM44 50.140 KSMU 12291511 W5RCI 55 EM44>FN44 50.130 K1TOL 12291633 W5SUFH MARGINAL EL19 JT6M J K1SIX 12291724 K5AB EM01>EL98 50.060 B W4VQ 12291736 W5VAS 58 50.125 WJJJ 12291843 W5SNRI 53 12291843 W5SNRI 53 12291913 W55NRI EM22>FN00 CW 50.130 K3HX 12291913 W55NRI EM22>FN00 50.125 K3HX 12291918 K5BOC EM25 50.135 KITTT

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12282247 K9ROD 55 QSB DM77>EN81 KC8ZIZ	12240138 KORPT EN10 50.125 N3DB	12290501 WOTUO 56A DN98>EN19 50.125 VE4AMU
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12290052 K9MU EN33 CW 50.127 WQ5S	12241858 KCOSIX CQ SSB 50.125 K9MU	12291641 KOEC >EN82 50.125 B K8MD 12291711 KCORWC 57 DN70>CN84 KC7OTV
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12290336 W9JN 58A EN54 AU 50.125 K9MU 12290412 W9JN 57A EN54>EN27 50.140 N9QD2	12241908 KORPT SHORT ES 50.125 K9MU 12241911 WOOSP CN87>EN17 50.125 W7GTM	12291740 KCORWC DN70>EN82 MATT .125 VE3SUB 12291751 NOZHF DN82 50.125 K8ROX
12291626 W9VW EM69>DN62 B W1IPL/7 12291647 K9APW FM16>EN53 50.125 KG4QMI	12241927 KKOCQ EN08>CN87 50.130 W7GTM	12291753 KOKP STRONG EN36>EM35 .073 B W5MRB
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12300017 KB9WZE EM37>FN42 RICH50.190 N1IW 12300028 K9BIG EN61 50.175 KC9DEP	12261945 KC0QMO FN42>EM39 50.125 N1IW 12262106 K0KP S9 EN36>FN42 50.073 B K1EP	12291935 KCOPUN FM06>EN11 50.140 KU4JZ 12291936 KBOHH FM06>EM06 50.140 KU4JZ
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TI-24-1 C4-4 TYO	12262244 WOANH 57 EN47>FN20 50.125 N3CR 12262259 NODVQ EN36>FN20 RON 50.140 N3CR	12291951 KOKP 599 EM90 50.073 B K4UTE 12291955 KBOHH EM06 50.132 AG2A
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12071901 K0UO EM07>DN07 50.080 B W7IUV 12071903 W0IJR DM79>DN07 50.065 B W7IUV	12270013 WORK EM192EM42 50.125 K/NN 12270032 KNOWCW 599 EN36>FM29 50.138 W5KI	12292040 NOYXE FN10>EM28 50.140 W3MEL 12292040 W0MTK >DN09 R VE7RER
12071903 W0IJR DM79>DN07 50.065 B W7IUV 12071926 W0IJR, W0MTK, NOLL >CM88 B K6QXY	12270034 WOKKK EM19>EM73 50.125 W W4GCB	12292046 NOLD 50.125 N3GH
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12082236 KOUO 559 EM07>FM19 50.080 B AK3E	12270120 K0DU EM20>DM58 50.130 K5NZ 12270124 K0DU DM58>EM02 50.130 AE5B 12270125 N0LD 59+ EM17>DM68 W3DHJ/0	12292103 KCOLWD 59 FN10>EM29 50.160 W3MEL 12292155 KOTVD EN21>EM13 50.130 AA5WH
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12121915 WOMTK IN/OUT > EN44   50.065 B K9MU	12272317 W0GHZ 55 DN47 12272317 W0S MN >DN36 W K7HLN 12272318 K0UO 51 >EN19 50.065 B VE4AMU 12272318 W0JJR 51 >EN19 50.065 B VE4AMU 12272329 NOOK 51 >DN36 50.150 K7HLN 12272330 KCORQH EN35 50.130 K7GJ 12272343 NOUR 59+ 50.130 K67BBL 12272349 KODLW DN76>EN10 50.125 KORPT 12272359 KJOZ EN2O>EN10 50.125 KORPT 12280009 KORP, KOGUV LOUD>DN62 B W1IPL/7 12280127 KOHA DN47>EN10 50.125 KF7BBL 12280309 NOLL >CN85 B W37GKC	12300112 KOHA EN1O>FN10 50.185 N3GH 12300117 KOETC EM27 JAY 50.190 K1BD 12300118 KOETC 59 50.194 N2AU 12300120 WB0LXV 50.400 A AAZDR 12300127 KORWU, WB0000 >FN13 AM 400 K2ERG 12300130 KOTVD EN21>FN10 50.145 N3GH 12300210 KORPT EN10 50.175 K0GND 12310151 KCONCK 50.125 A3PB 12310204 KORPT 55 WEAK E\$ 50.125 K3TKJ 1231118 W0/W6OAL DM79>EN52 50.125 W9RM 12311804 ND0J 57 SC 50.125 K8LEE 12311846 KOVUY EM48>FN43 SC 50.125 K8LSIX
12121915 WOMTK IN/OUT > EN44   50.065 B K9MU	12272317 W0GHZ 55 DN47 12272317 W0S MN >DN36 W K7HLN 12272318 K0UO 51 >EN19 50.065 B VE4AMU 12272318 W0JJR 51 >EN19 50.065 B VE4AMU 12272329 NOOK 51 >DN36 50.150 K7HLN 12272330 KCORQH EN35 50.130 K7GJ 12272343 NOUR 59+ 50.130 K67BBL 12272349 KODLW DN76>EN10 50.125 KORPT 12272359 KJOZ EN2O>EN10 50.125 KORPT 12280009 KORP, KOGUV LOUD>DN62 B W1IPL/7 12280127 KOHA DN47>EN10 50.125 KF7BBL 12280309 NOLL >CN85 B W37GKC	12300112 KOHA EN1O>FN10 50.185 N3GH 12300117 KOETC EM27 JAY 50.190 K1BD 12300118 KOETC 59 50.194 N2AU 12300120 WB0LXV 50.400 A AAZDR 12300127 KORWU, WB0000 >FN13 AM 400 K2ERG 12300130 KOTVD EN21>FN10 50.145 N3GH 12300210 KORPT EN10 50.175 K0GND 12310151 KCONCK 50.125 A3PB 12310204 KORPT 55 WEAK E\$ 50.125 K3TKJ 12311718 W0/W6OAL DM79>EN52 50.125 W9RM 12311804 ND0J 57 SC 50.125 K8LEE 12311846 KOVUY EM48>FN43 SC 50.125 K8LSIX
12121915 WOMTK IN/OUT > EN44   50.065 B K9MU	12272317 W0GHZ 55 DN47 12272317 W0S MN >DN36 W K7HLN 12272318 K0UO 51 >EN19 50.065 B VE4AMU 12272318 W0JJR 51 >EN19 50.065 B VE4AMU 12272329 NOOK 51 >DN36 50.150 K7HLN 12272330 KCORQH EN35 50.130 K7GJ 12272343 NOUR 59+ 50.130 K67BBL 12272349 KODLW DN76>EN10 50.125 KORPT 12272359 KJOZ EN2O>EN10 50.125 KORPT 12280009 KORP, KOGUV LOUD>DN62 B W1IPL/7 12280127 KOHA DN47>EN10 50.125 KF7BBL 12280309 NOLL >CN85 B W37GKC	12300112 KOHA EN1O>FN10 50.185 N3GH 12300117 KOETC EM27 JAY 50.190 K1BD 12300118 KOETC 59 50.194 N2AU 12300120 WB0LXV 50.400 A AAZDR 12300127 KORWU, WB0000 >FN13 AM 400 K2ERG 12300130 KOTVD EN21>FN10 50.145 N3GH 12300210 KORPT EN10 50.175 K0GND 12310151 KCONCK 50.125 A3PB 12310204 KORPT 55 WEAK E\$ 50.125 K3TKJ 12311718 W0/W6OAL DM79>EN52 50.125 W9RM 12311804 ND0J 57 SC 50.125 K8LEE 12311846 KOVUY EM48>FN43 SC 50.125 K8LSIX
12121915 WOMTK IN/OUT > EN44   50.065 B K9MU	12272317 W0GHZ 55 DN47 12272317 W0S MN >DN36 W K7HLN 12272318 K0UO 51 >EN19 50.065 B VE4AMU 12272318 W0JJR 51 >EN19 50.065 B VE4AMU 12272329 NOOK 51 >DN36 50.150 K7HLN 12272330 KCORQH EN35 50.130 K7GJ 12272343 NOUR 59+ 50.130 K67BBL 12272349 KODLW DN76>EN10 50.125 KORPT 12272359 KJOZ EN2O>EN10 50.125 KORPT 12280009 KORP, KOGUV LOUD>DN62 B W1IPL/7 12280127 KOHA DN47>EN10 50.125 KF7BBL 12280309 NOLL >CN85 B W37GKC	12300112 KOHA EN1O>FN10 50.185 N3GH 12300117 KOETC EM27 JAY 50.190 K1BD 12300118 KOETC 59 50.194 N2AU 12300120 WB0LXV 50.400 A AAZDR 12300127 KORWU, WB0000 >FN13 AM 400 K2ERG 12300130 KOTVD EN21>FN10 50.145 N3GH 12300210 KORPT EN10 50.175 K0GND 12310151 KCONCK 50.125 A3PB 12310204 KORPT 55 WEAK E\$ 50.125 K3TKJ 12311718 W0/W6OAL DM79>EN52 50.125 W9RM 12311804 ND0J 57 SC 50.125 K8LEE 12311846 KOVUY EM48>FN43 SC 50.125 K8LSIX
12121915 WOMTK IN/OUT > EN44   50.065 B K9MU	12272317 W0GHZ 55 DN47 12272317 W0S MN >DN36 W K7HLN 12272318 K0UO 51 >EN19 50.065 B VE4AMU 12272318 W0JJR 51 >EN19 50.065 B VE4AMU 12272329 NOOK 51 >DN36 50.150 K7HLN 12272330 KCORQH EN35 50.130 K7GJ 12272343 NOUR 59+ 50.130 K67BBL 12272349 KODLW DN76>EN10 50.125 KORPT 12272359 KJOZ EN2O>EN10 50.125 KORPT 12280009 KORP, KOGUV LOUD>DN62 B W1IPL/7 12280127 KOHA DN47>EN10 50.125 KF7BBL 12280309 NOLL >CN85 B W37GKC	12300112 KOHA EN1O>FN10 50.185 N3GH 12300117 KOETC EM27 JAY 50.190 K1BD 12300118 KOETC 59 50.194 N2AU 12300120 WB0LXV 50.400 A AAZDR 12300127 KORWU, WB0000 >FN13 AM 400 K2ERG 12300130 KOTVD EN21>FN10 50.145 N3GH 12300210 KORPT EN10 50.175 K0GND 12310151 KCONCK 50.125 A3PB 12310204 KORPT 55 WEAK E\$ 50.125 K3TKJ 12311718 W0/W6OAL DM79>EN52 50.125 W9RM 12311804 ND0J 57 SC 50.125 K8LEE 12311846 KOVUY EM48>FN43 SC 50.125 K8LSIX
12121915 WOMTK IN/OUT > EN44   50.065 B K9MU	12272317 W0GHZ 55 DN47 12272317 W0S MN >DN36 W K7HLN 12272318 K0UO 51 >EN19 50.065 B VE4AMU 12272318 W0JJR 51 >EN19 50.065 B VE4AMU 12272329 NOOK 51 >DN36 50.150 K7HLN 12272330 KCORQH EN35 50.130 K7GJ 12272343 NOUR 59+ 50.130 K67BBL 12272349 KODLW DN76>EN10 50.125 KORPT 12272359 KJOZ EN2O>EN10 50.125 KORPT 12280009 KORP, KOGUV LOUD>DN62 B W1IPL/7 12280127 KOHA DN47>EN10 50.125 KF7BBL 12280309 NOLL >CN85 B W37GKC	12300112 KOHA EN1O>FN10 50.185 N3GH 12300117 KOETC EM27 JAY 50.190 K1BD 12300118 KOETC 59 50.194 N2AU 12300120 WB0LXV 50.400 A AAZDR 12300127 KORWU, WB0000 >FN13 AM 400 K2ERG 12300130 KOTVD EN21>FN10 50.145 N3GH 12300210 KORPT EN10 50.175 K0GND 12310151 KCONCK 50.125 A3PB 12310204 KORPT 55 WEAK E\$ 50.125 K3TKJ 12311718 W0/W6OAL DM79>EN52 50.125 W9RM 12311804 ND0J 57 SC 50.125 K8LEE 12311846 KOVUY EM48>FN43 SC 50.125 K8LSIX
12121915 WOMTK IN/OUT > EN44   50.065 B K9MU	12272317 W0GHZ 55 DN47 12272317 W0S MN >DN36 W K7HLN 12272318 K0UO 51 >EN19 50.065 B VE4AMU 12272318 W0JJR 51 >EN19 50.065 B VE4AMU 12272329 NOOK 51 >DN36 50.150 K7HLN 12272330 KCORQH EN35 50.130 K7GJ 12272343 NOUR 59+ 50.130 K67BBL 12272349 KODLW DN76>EN10 50.125 KORPT 12272359 KJOZ EN2O>EN10 50.125 KORPT 12280009 KORP, KOGUV LOUD>DN62 B W1IPL/7 12280127 KOHA DN47>EN10 50.125 KF7BBL 12280309 NOLL >CN85 B W37GKC	12300112 KOHA EN1O>FN10 50.185 N3GH 12300117 KOETC EM27 JAY 50.190 K1BD 12300118 KOETC 59 50.194 N2AU 12300120 WB0LXV 50.400 A AAZDR 12300127 KORWU, WB0000 >FN13 AM 400 K2ERG 12300130 KOTVD EN21>FN10 50.145 N3GH 12300210 KORPT EN10 50.175 K0GND 12310151 KCONCK 50.125 A3PB 12310204 KORPT 55 WEAK E\$ 50.125 K3TKJ 12311718 W0/W6OAL DM79>EN52 50.125 W9RM 12311804 ND0J 57 SC 50.125 K8LEE 12311846 KOVUY EM48>FN43 SC 50.125 K8LSIX
12121915 WOMTK IN/OUT > EN44   50.065 B K9MU	12272317 W0GHZ 55 DN47 12272317 W0S MN >DN36 W K7HLN 12272318 K0UO 51 >EN19 50.065 B VE4AMU 12272318 W0JJR 51 >EN19 50.065 B VE4AMU 12272329 NOOK 51 >DN36 50.150 K7HLN 12272330 KCORQH EN35 50.130 K7GJ 12272343 NOUR 59+ 50.130 K67BBL 12272349 KODLW DN76>EN10 50.125 KORPT 12272359 KJOZ EN2O>EN10 50.125 KORPT 12280009 KORP, KOGUV LOUD>DN62 B W1IPL/7 12280127 KOHA DN47>EN10 50.125 KF7BBL 12280309 NOLL >CN85 B W37GKC	12300112 KOHA EN1O>FN10 50.185 N3GH 12300117 KOETC EM27 JAY 50.190 K1BD 12300118 KOETC 59 50.194 N2AU 12300120 WB0LXV 50.400 A AAZDR 12300127 KORWU, WB0000 >FN13 AM 400 K2ERG 12300130 KOTVD EN21>FN10 50.145 N3GH 12300210 KORPT EN10 50.175 K0GND 12310151 KCONCK 50.125 A3PB 12310204 KORPT 55 WEAK E\$ 50.125 K3TKJ 12311718 W0/W6OAL DM79>EN52 50.125 W9RM 12311804 ND0J 57 SC 50.125 K8LEE 12311846 KOVUY EM48>FN43 SC 50.125 K8LSIX
12121915 WOMTK IN/OUT >EN44	12272317 WOSHZ 55 DN47 W WTGMC 12272318 KOUD 51 >EN19 50.065 B VE4AMU 12272318 KOUD 51 >EN19 50.065 B VE4AMU 12272329 NOOK 51 >DN36 50.150 K7HLN 12272329 NOOK 51 >DN36 50.150 K7HLN 12272330 KCORQH EN35 50.130 W7GJ 12272343 NOUR 59+ 50.130 KE7BBL 12272349 KODLW DN76>EN10 50.125 KORPT 12280009 KOKP,KOGUV LOUD>DN62 B W1FL/7 12280127 KOHA DN47>EN10 50.125 KORPT 12280127 KOHA DN47>EN10 50.125 KORPT 12280127 KOHA DN47>EN10 50.125 W7GMC 12280309 NOLL >CN85 12281602 NOULJ >DN35>CN96 50.125 W7NBH 12281818 WOJJR >CN85 12281818 WOJJR >CN85 12281834 KOEC, WOMTK >CN85 12281834 KOEC, WOMTK >CN85 12281942 KOXP EN36>EM36 EN36 KORP AUR >FN44 12282017 KOMVJ EN36>EM44 12282017 KOMVJ EN36>EM44 12282017 KOMVJ EN36>EM44 12282048 KOKP EN36 50.073 B WARBUF 12282054 WOJJR DM79 50.065 B KROX 12282155 KOWP EN36>EM13 50.072 WARBUF 12282155 KOWP EN36>EM13 50.072	12300112 KOHA EN10>FN10
12121915 WOMTK IN/OUT >EN44	12272317 WOGHZ   55 NN47	12300112 KOHA ENIO>FN10 50.185 N3GH 12300117 KOETC EM27 JAY 50.190 K1BD 12300118 KOETC 59 50.194 N2AU 12300120 WBOLXV 50.400 AAZDR 12300120 KORVU, WBOOCO >FN13 AM .400 K2ERG 12300130 KOTVD EN21>FN10 50.145 N3GH 12300121 KORNT EN10 50.175 K0GND 12310151 KCONCK 50.125 AE9B 12310204 KORPT 55 WEAK ES 50.125 K3TKJ 12311718 WO/W6OAL DM79>EN52 50.125 M3FM 12311804 NDOJ 57 SC 50.126 KBLEE 12311846 KOVUY EM48>FN43 SC 50.125 K1SIX  Reports of Oceania  AUSTRALIA, General 12182123 VK TV CH3 59+ 86.250 V ZL3MF 12280807 VK 59 PAGERS 148 MHZ A ZL3MF  Australian Capital TerrVK1 12280817 VK1SA CQ 50.110 ZL2DX
12121915 WOMTK IN/OUT >EN44	12272317 WOGHZ   55 NN47	12300112 KOHA ENIO>FN10 50.185 N3GH 12300117 KOETC EM27 JAY 50.190 K1BD 12300118 KOETC 59 50.194 N2AU 12300120 WBOLXV 50.400 AAZDR 12300120 KORVU, WBOOCO >FN13 AM .400 K2ERG 12300130 KOTVD EN21>FN10 50.145 N3GH 12300121 KORNT EN10 50.175 K0GND 12310151 KCONCK 50.125 AE9B 12310204 KORPT 55 WEAK ES 50.125 K3TKJ 12311718 WO/W6OAL DM79>EN52 50.125 M3FM 12311804 NDOJ 57 SC 50.126 KBLEE 12311846 KOVUY EM48>FN43 SC 50.125 K1SIX  Reports of Oceania  AUSTRALIA, General 12182123 VK TV CH3 59+ 86.250 V ZL3MF 12280807 VK 59 PAGERS 148 MHZ A ZL3MF  Australian Capital TerrVK1 12280817 VK1SA CQ 50.110 ZL2DX
12121915 WOMTK IN/OUT >EN44   50.065 B K9MU	12272317 WOSHZ   55 NN47	12300112 KOHA
12121915 WOMTK IN/OUT >EN44   50.065 B K9MU	12272317 WOGHZ   55 DN47	12300112 KOHA
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12121915 WOMTK IN/OUT >EN44	12272317 WOGHZ   55 NN47	12300112 KOHA
12121915 WOMTK IN/OUT >EN44	12272317 WOGHZ   55 NN47	12300112 KOHA
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12121915 WOMTK IN/OUT >EN44	12272317 WOGHZ   55 NN47	12300112 KOHA
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12121915 WOMTK IN/OUT >EN44	12272317 WOSHZ   55 NN47	12300112 KOHA
12121915 WOMTK IN/OUT >EN44	12272317 WOS MN >DN36	12300112 KOHA
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12121915 WOMTK IN/OUT >EN44	12272317 WOSHZ   55 NN47	12300112 KOHA

12300201 VK2RHV, VK2RSY 559 >PF95	12190520 VK7AB CQ	12240820
12100745 VRARGG 559 >RES7 46.172 V JAZDDN 12120728 VK4RGG >PF95GA >0840 B VK SWL 12140525 VK4RGG >PM95SQ 50.058 B JALYOK 12140531 VK4RGG >PM95SQ 50.058 B JALRJU 12182221 VK4RTL S5 50.087 B VK5UBC 12182229 VK4ZQ 59 50.130 WKSUBC	12290058 VKBRAS 569 -0325 >PF95GA B VK SWL 12290144 VKBGF 56 ALICE SPRINGS>PF95 VK SWL Australia-VK9-Norfolk Is.	12190533 DUIEV 50.008 B JAIRJU 12190607 DUIEV STRONG 50.008 B JG3LEB 12310815 DUIEV 50.008 B JG3LEB
12182221 VK4RTL S5 50.087 B VK5UBC 12182229 VK42Q 59 50.130 VK5UBC 12182232 VK4APN 529 >QF56NE 50.110 VK2XQ	12190000 VK9NS 57 50.110 VK5UBC	Reports of South America
12182235 VK4RTL QH29>QF12 50.087 VK3SIX 12182237 VK4RGG 50.058 VK3SY 12182247 VK4ROQ QG29 50.170 VK3SY 12182248 VK4NOQ GW/ VK3CAT 50.180 VK3SY	HAWAIIAN IS. 12050410 KH6SX 519 QSB ART 50.110 2L3JT 12092320 AH6FC 50.060 B K5AB	ARGENTINA
12190445 VK4RGG 5/9 50.05// B JG3LEB		ARUBA 12030013 P49MR SSB 59+++ 50.110 PP1CZ
12220651 VK4RGG 50.058 B VK3SIX 12220658 VK4AFL 59 50.161 VK3SIX	113002305 C2151X 419>EM85 50.038 B JR2HCB 12220716 C2151X 539 >0750 50.038 B VK3SIX	BRAZIL
12230640 VK4AFL 50.170 ZLZAAA 12240822 VK4RGG QF12 50.058 VK3SIX 12250742 VK4AFL CQ 50.110 ZLZDX 12250742 VK4AFL CQ 50.110 ZLZDX 12250755 VK4AML CQ 50.110 ZLZDX 12260135 VK4RGG 599 50.058 VK3BOY 12260143 VK4CH 50.050 50.150 VK3BOY 12260212 VK4RG 539 W/ QSB 50.058 B ZL33T 12260257 VK4RGC 539 W/ QSB 50.058 B ZL33T 12260354 VK4FRG 50.058 S0.058 B ZL33T 12260356 VK4FRQ 50.058 S0.058 B ZL33T 12260356 VK4RGG 50.058 S0.058 B ZL33T 12260356 VK4RGG 50.058 S0.058 WK3BOY 12262356 VK4RGG 50.058 VK3SIX	NAURU  11300258 C215IX >QM09	12052258 PY3KN 58 >FK94 50.110 FM5JC 12052304 PY2FY 539F GG77 50.009 B FM5JC 12142340 PY4HGM 559 GH80>FK94 50.110 FM5JC 12202322 PY4HGM GH80>FK94 LENO .110 FM5JC 12250025 PY2SFY 529 50.009 B FM5JC 12250032 PY3KN 52/55 50.110 FM5JC 12252343 PY3DU GF49>FK94 LUIZ 50.110 FM5JC 12260019 PY3KN CQ 57 50.110 FM5JC 12260120 PY1KB CQ 57 50.110 FM5JC 12260120 PY1KB CQ 57 50.110 FM5JC 12300103 PP5BJ 55 5 W GG53 50.110 FM5JC
12280415 VK4RTL 559 > 0515 50.087 B VK2XQ 12280608 VK4RTL 539 > RE66 B ZL3NW	12190025 FK8SIX 599 >RF70 B ZL2TPY 12190206 FK8SIX 559 >QF56NE B VK2XQ 1219220 FK8SIX 539 50.079 B VK2XQ	12152128 CE MUSIC EARLY & STRONG F FM5JC
12280612 VK4APN 529 QH23>QF56NE .110 VK2XQ 12282141 VK4APN 42 QH23>QF56NE .110 VK2XQ 12282141 VK4RTL 419 >QF56NE B VK2XQ	12210142 FK8SIX 589 50.079 B VK2AAB 12260137 FK8SIX 559 50.080 B VK3BOY 12260256 FK8SIX LOUD>ZL3 50.080 B ZL3JT	COLOMBIA 12100008 HKIXX 52 50.110 K5TY
12282151 VK4WDM CQ 50.110 ZL3JT 12282232 VK4APN CQ 50.110 ZL3JT 12280232 VK4APN CQ 50.110 ZL2DX 12290021 VK4RTL 439 -0145 >PF95GA B VK SWL 12300740 VK4RTL 539 >RE66 B ZL3NW 12300740 VK4RTL 539 >RE66 B ZL3NW	12270718 FK8SIX 539 >RE66 B ZLINW 12270743 FK8SIX 559 B VK3DUT 12272104 FK8SIX 529 QSB >RE66 B ZLINW 12280206 FK8SIX 539 >QF56NE 50.0799 B VK2NQ 12280203 FK8SIX 539 >PF50 B 7127PV	CURACAO NETH. ANTILLES 12042359 PJ2BVU SSB 50.110 12171638 PJ27WB92 599 FK52>EL96 .110 12191931 PJ2BVU 52 FK52>EL96 50.110 KE4WBO
12310225 VK4RGG 589 >RF70 50.0579 B ZL2TPY  South Australia-VK5	12280731 FK8SIX 538 >QF56NE B VK2XQ 12281930 FK8SIX 539 >QF56NE 50.0799 B VK2XQ 12281941 FK8HA 55 RG37>QF56NE 50.110 VK2XQ	FERNANDO DE NORONHA 12052209 PY0S/PS7JN 55 & RTTY 50.110 FM5JC
	12281930 FK85IX 539 >QF56NE	FRENCH GUIANA 12192243 FY7THF 519 GJ35>EL96 50.039 B KE4WBO
12130403 VK5VF 539 50.1108 C VK6JR 12130750 VK5VF 529 >RE66 2 L13NW 12180843 VK5VF 529 > OF56NF 50.150 VK2XO	12310225 FK8SIX 589 >RF70	TRINIDAD & TOBAGO 12022348 924BM STRONG 50.110 PP1CZ 12040113 9Y4AT 559>GG66 50.015 B PU2OCZ
12180843 VK52BK 56 >QF56NE 50.150 VK2XQ 12180937 VK5USB 55 >QF56NE 50.125 VK2XQ 12190155 VK5UBC S7 >PERTH VK65IX 12190330 VK5VF 529 VK65IX 12190411 VK5RO 539 ZL3JT	NEW ZEALAND 12020315 ZL3JT CQ CW STRONG 50.111 JG3LEB 12020319 ZL3SIX 599 QSB 50.040 B JEZXBY	12070012 9Y4AT 559 50.015 B PP5JD 12090017 9Y4AT 599 50.015 B PU2OCZ 12230028 9Y4AT 599 50.015 B PU2OCZ 12240157 9Y4AT 559>GG66 50.015 B PU2OCZ
12240628 VKSUBC 50.110 ZL2DX 12250752 VKSUBC CQ 50.110 ZL2DX 12282249 VKSUBC CQ 50.110 ZL2DX	12020321 ZL33IX 399 QSB 50.040 B JALYOK 12020330 ZL33IX >QM05 50.110 H JALYOK 12020410 ZL3TY CW >QM05 50.110 H JALYOK 12020414 ZL3TY CW 50.110 JG3LEB 12020414 ZL3TY CW >QM09 50.110 H JH7XRZ 12070330 ZL2AAA >QF12 50.110 VS3IX 12100736 ZL3SIX >PM85 50.040 B JR2HCB	VENEZUELA
12290854 VK5UBC 59+ ZL3NW  West Australia-VK6 12122339 VK6RSX 599 >PERTH VK6RO	12020414 ZL3TY CW > OM09 50.110 JJG3LEB 12020414 ZL3TY CW > OM09 50.110 H JH7XRZ 1207033 ZL2MA > OF12	12150006 YV4AB 50.026 B PY2DA 12171716 YV4AB 539-599 FK50 50.025 B KE4WBO
12130409 VK6JR QSB OUT & 0748 50.111 VK3SIX	121110004 813MU 54 DECCEDED CO 110 VKZXQ	QSL Information
12190144 VK6RPH S5 50.066 B VK5UBC 12190419 VK6A 12210107 VK6RPH SLOW QSB PERTH .066 B VK3SIX	12110024 ZL3MH 58 >QF32TE 50.160 VK3EK 12120332 ZL TV VID 45.240 V KH6SX 12130827 ZL3NW VK5UBW	FT5W: via F5BU
12210127 VK6HK 529 DON 50.110 VK3SIX 12210136 VK6RBU 529 50.306 B VK3SIX 12231103 VK6RPH 319 QSB 50.066 B 2L3JT	12130828 ZL3NW 50.140 VK3SIX 12180234 ZL3MF CQ 50.110 ZL2DX	GM4ODA/P: via G4ODA KG4AS: via N4SIA
12231237 VK6RPH 539 QF12 50.066 B VK3SIX 12280418 VK6RSX 599 > PERTH 50.304 B VK6SIX 12280616 VK6RSX 57 > PERTH 50.304 B VK6KXW	12180252 ZL3NW CQ BSC or Es 50.110 ZL2DX 12180334 ZL3NE STRONG 50.110 ZL2DX 12180334 ZL2AAA 59+ ZL3MF	KG4WV: via W4WV P4/WW9WW: via WF9V
12290137 VK6RPH 549 -0254 >PF95GA B VK SWL 12290143 VK6RBU 549 -0340 >PF95GA B VK SWL 12290200 VK6PE 55 >PF95GA VK SWL	12182128 ZLINW 59 RE66>QF56NE 50.160 VK2XQ VK2XQ VK2XQ	P40ZZ: via WF9V PJ4/NE8Z: Dr.Rick Dorsch, P.O. Box
Australia-Tasmania-VK7 12110029 VK7200 54 >PF955a 50.110 H VK SWL	12190408 ZL3JT 599 >PM74 50.1105 JG3LEB 12190409 ZL TV VIDEO 45.260 V KH6SX	616, Hamburg, MI 48139 PY0ZFO: via W9VA
12130059 VK7RST 529 >QF56NE 50.297 B VK2XQ 12130839 VK7JG 50.140 2L3JT 12130929 VK7RST 599 50.297 B VK5UBC	12190412 ZL3SIX 559 50.0398 B JG3LEB	TO8C: via F9IE XE2TG: via WD9EWK
12180303 VK7BBW 529 QSB PAUL ZL3JT 12190059 VK7RST 559 >QF56NE 50.297 B VK2XQ	12190415 ZL3SIX >QM05	Z23JO/R, ZR6DMG: Cancel reference to ZR6U in last bulletin. Dirk Geddes
12190443 VK7RST 579 > W74 50.2978 B JG3LEB 12190445 VK7RST 59 > QF32TE B VK3EK	12190526 ZL3GS CW 50.111 JE6DOI 12190543 ZL3SIX 599 B JG3LEB 12240616 ZL3NW CQ 50.110 ZL2DX	call is back to ZR6DMG.